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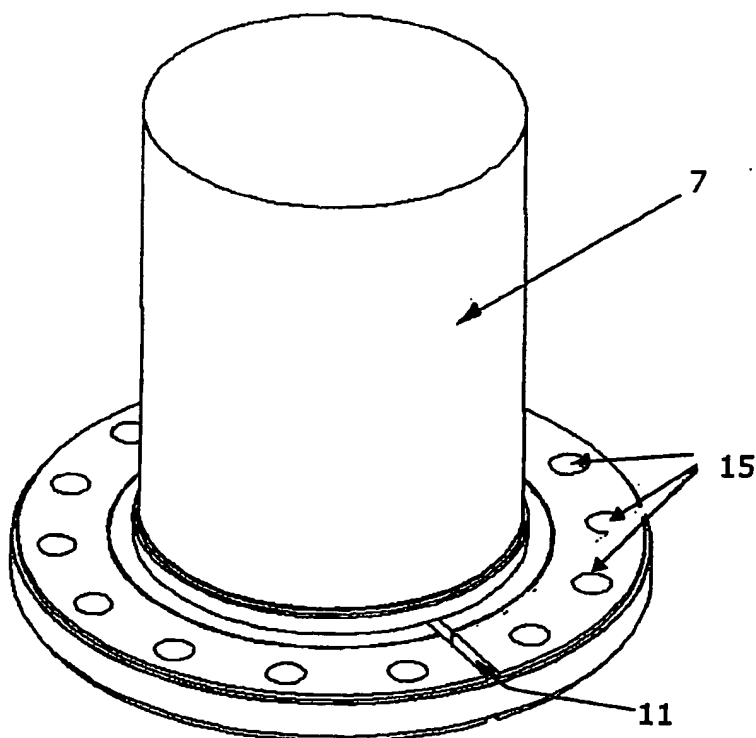
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(54) Title: GAS SPRING



(57) Abstract: The invention relates to a gas spring for a pressing tool. The gas spring has a cylindrical chamber which is divided by a piston (10) into a first space (A) and a second space (B), the piston (10) being attached to a piston rod (7), which is axially moveable in the cylindrical chamber, the gas spring being designed with an opposing force to counteract a movement that is produced by forces acting axially on the piston rod (7) in that the first space and the second space are pressurised by means of a gas. Passages (11, 15, 16, 17) connect the first space and the second space and permit a flow of gas between the first space (A) and the second space (B). The passages occupy an area which is greater than 5% of the area of the piston (10) in order to reduce the amount of heat generated in the gas spring, the area of the piston being the difference between the cross-sectional areas of the cylindrical chamber and the piston rod.

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